

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						Page 1 of 1		
						Apr-2004		
TO: Director, Port Everglades Authority P.O. Box 13136, Port Everglades, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Port Everglades Harbor, Broward County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Entrance Channel, from 200 feet seaward of Red Buoy-2 to east end of the jetties	Feb-2004	500-450	1	45	47.1	47.1	46.8	21.1 (1)
From east end of jetties to Turning Basin	Feb-2004	450	0.5	42	39.3 (2)	45.3	45.3	42.7
Turning Basin, from Green Light-9 to east face of north/south bulkhead (south of Entrance Channel centerline ).	Feb-2004	1025	0.5	42	42.8	42.4	41.4 (3)	44.0
From Green Light-9 to east face or north/south bulkhead (north of Entrance Channel centerline).	Feb-2004	1010	0.5	42	40.4 (4)	40.3 (4)	41.5 (5)	41.2 (5)
West Basin: (North end of Berth 18).	Feb-2004	250	0.06	37	41.1	42.2	45.5	44.9
West Basin: (South end of Berth 18).	Feb-2004	1000	0.03	36	38.0	37.2	38.9	41.9
North Basin, from Red Buoy-30 to east face of north/south Bulkhead (North portion).	Feb-2004	1110	0.16	31	28.2 (6)	28.4 (6)	28.4 (6)	28.0 (6)
South Basin: (North of Pier 5)	Feb-2004	1270	0.18	31	34.3	36.5	37.6	37.4
South Channel, from Main Turning Basin at Green Light-11 to turning notch.	Feb-2004	400	1.1	42	31.3 (7)	42.6	44.1	42.4
From turning notch to Dania Cut-off Canal at Green Light-35.	Feb-2004	400	0.7	42	38.3 (7)	40.9 (7)	41.8 (7)	42.4 (7)

Remarks:

1. Shoaling along north edge of channel beginning 400 feet west of Red Light-4 and extending approximately 500 feet westerly. Shoaling extends a maximum of 100 feet inside channel edge.
2. Minor shoaling along south edge of channel from 1,150 feet west of Green Light-5 and extending to Green Light-7. Shoaling extends a maximum of 20 feet into channel.
3. Small shoal located along east edge of basin between Green Light-9 and Green Light-11.
4. Small shoal along west edge of basin between berthing areas.
5. Shoaling along most eastern edge of basin opposite Red Light-12 and extending to Red Lighted Buoy-30.
6. Shoaling throughout eastern half of basin, beginning at Green Light-29 and extending 1,050 feet north.
7. Shoaling along east edge of channel at various locations from approximately 900 feet south of Green Daybeacon-1 to the Dania Cut-off Canal at Green Light-35.